

		REVISIONS			
		REV	DESCRIPTION	APPROVED	DATE
		A	UPDATED DRAWING VISUALLY	CB	1/9/03
		B	REPLACED VENDOR PART NUMBERS WITH MANUFACTURER PART NUMBERS, ADDED ADDITIONAL PART NUMBERS TO 18A, ADDED NOTES	CB	6/15/05
		C	UPDATED DRAWING VISUALLY, ADDED SEVERAL PARTS, VERIFIED ALL PARTS, CHANGED NOTES, BORDER & GENEVA LOGO	XY	5/9/06
		D	UPDATED PART NUMBERS FOR RoHS COMPLIANCE	GA	11/21/07

<div>D9F</div> OR <div>9F</div>	9 POSITION FEMALE D SUBMINIATURE CONNECTOR CONNECTOR: TYCO/AMP 1757820-1 CONTACTS: TYCO/AMP 205090-1 BACKSHELL: KOBICONN 156-3009-E
<div>D9M</div> OR <div>9M</div>	9 POSITION MALE D SUBMINIATURE CONNECTOR CONNECTOR: TYCO/AMP 1757819-1 CONTACTS: TYCO/AMP 205089-1 BACKSHELL: KOBICONN 156-3009-E
<div>D15F</div> OR <div>15F</div>	15 POSITION FEMALE D SUBMINIATURE CONNECTOR CONNECTOR: TYCO/AMP 1757820-21 CONTACTS: TYCO/AMP 205090-1 BACKSHELL: KOBICONN 156-3015-E
<div>D15M</div> OR <div>15M</div>	15 POSITION MALE D SUBMINIATURE CONNECTOR CONNECTOR: TYCO/AMP 1757819-2 CONTACTS: TYCO/AMP 205089-1 BACKSHELL: KOBICONN 156-3015-E
<div>D25F</div> OR <div>25F</div>	25 POSITION FEMALE D SUBMINIATURE CONNECTOR CONNECTOR: TYCO/AMP 1757820-3 CONTACTS: TYCO/AMP 205090-1 BACKSHELL: KOBICONN 156-3025-E
<div>D25M</div> OR <div>25M</div>	25 POSITION MALE D SUBMINIATURE CONNECTOR CONNECTOR: TYCO/AMP 1757819-3 CONTACTS: TYCO/AMP 205089-1 BACKSHELL: KOBICONN 156-3025-E
<div>D37F</div> OR <div>37F</div>	37 POSITION FEMALE D SUBMINIATURE CONNECTOR CONNECTOR: TYCO/AMP 1757820-4 CONTACTS: TYCO/AMP 205090-1 BACKSHELL: KOBICONN 156-3037-E
<div>D37M</div> OR <div>37M</div>	37 POSITION MALE D SUBMINIATURE CONNECTOR CONNECTOR: TYCO/AMP 1757819-4 CONTACTS: TYCO/AMP 205089-1 BACKSHELL: KOBICONN 156-3037-E

<div>D15FS</div> OR <div>15FS</div>	15 POSITION FEMALE D SUBMINIATURE CONNECTOR, SOLDER CUP CONNECTOR: TYCO/AMP 5-747909-2 BACKSHELL: KOBICONN 156-3015-E
<div>15HMS</div>	15 POSITION MALE D SUBMINIATURE CONNECTOR, SOLDER CUP, HIGH DENSITY CONNECTOR: NORCOMP 180-015-103L001 BACKSHELL: KOBICONN 156-3009-E
<div>U92</div>	U92/UA HELICOPTER HEADSET JACK BULKHEAD: NEXUS TJ-120 INLINE: NEXUS TJ-102
<div>2F</div>	2 POSITION FEMALE MATE-N-LOK CONNECTOR CONNECTOR: TYCO/AMP 1-480318-0 CONTACTS: TYCO/AMP 60617-1
<div>2M</div>	2 POSITION MALE MATE-N-LOK CONNECTOR CONNECTOR: TYCO/AMP 1-480319-0 CONTACTS: TYCO/AMP 60618-1
<div>4F3</div>	3 POSITION FEMALE INLINE XLR CONNECTOR DELTRON 712-0300
<div>4F4</div>	4 POSITION FEMALE INLINE XLR CONNECTOR DELTRON 712-0400
<div>4F5</div>	5 POSITION FEMALE INLINE XLR CONNECTOR DELTRON 712-0500
<div>4M3</div>	3 POSITION MALE INLINE XLR CONNECTOR DELTRON 713-0300
<div>4M4</div>	4 POSITION MALE INLINE XLR CONNECTOR DELTRON 713-0400

NOTES

1. GENERIC COMPONENTS LISTED ABOVE MAY BE SUBSTITUTED AT THE INSTALLER'S DISCRETION.

2. ALL COMPONENTS LISTED ABOVE MAY BE SUBSTITUTED WITH A COMPONENT OF THE SAME TYPE THAT MATCHES OR EXCEEDS THE CURRENT AND FIRE RATINGS OF THE COMPONENT LISTED.

3. THE FOLLOWING ARE CONSIDERED GENERIC COMPONENTS: HOODS, BACKSHELLS, XLR CONNECTORS, BNC CONNECTORS (BE SURE TO MATCH IMPEDANCE AND CABLE TYPE), AUDIO CONNECTORS AND CONNECTOR MOUNTING HARDWARE (SCREWS, NUTS, LATCHING HARDWARE, ETC.)

4. COMPONENT COLOR IS OPTIONAL

BREAK SHARP EDGES

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

TOLERANCES ARE:
FRACTIONS DECIMAL ANGLES
±1/8" .X ±.050 ±2°
.XX ±.030
.XXX ±.010

DESIGNED DT

DATE 2/24/98

DRAWN

DATE

CHECKED

DATE

APPROVED MH

DATE 4/3/98

GENEVA AVIATION

TITLE
CONNECTOR AND WIRE PART LIST

DRAWING NUMBER G12100


REV D

PRO NO GA182

SIZE A

SHEET 1 OF 3

THIS DOCUMENT INCLUDES INFORMATION PROPRIETARY TO GENEVA AVIATION AND SHALL NOT BE DUPLICATED BY ANYONE WITHOUT THE WRITTEN PERMISSION OF GENEVA AVIATION, INC.

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D	UPDATED PART NUMBERS FOR RoHS COMPLIANCE	GA	11/21/07		
4M5	5 POSITION MALE INLINE XLR CONNECTOR DELTRON 713-0300				
5F3	3 POSITION FEMALE BULKHEAD XLR CONNECTOR DELTRON 724-0300				
5F4	4 POSITION FEMALE BULKHEAD XLR CONNECTOR DELTRON 724-0400				
5F5	5 POSITION FEMALE BULKHEAD XLR CONNECTOR DELTRON 724-0500				
5M3	3 POSITION MALE BULKHEAD XLR CONNECTOR DELTRON 725-0300				
5M4	4 POSITION MALE BULKHEAD XLR CONNECTOR DELTRON 725-0400				
5M5	5 POSITION MALE BULKHEAD XLR CONNECTOR DELTRON 725-0500				
4A	4 POSITION FEMALE CIRCULAR CONNECTOR HIROSE HR10A-7P-4S(73)				
6A	BNC CONNECTOR, COAXIAL, 75Ω KINGS 2065-11-9				
6B	BNC CONNECTOR, TRIAXIAL, 50Ω TYCO/AMP 5225395-1				
7B	CANNON PLUG AMPHENOL INDUSTRIAL MS3116F8-4S				
7C	CANNON PLUG AMPHENOL INDUSTRIAL MS3116F12-10S				
8A	1/8" MONO AUDIO CONNECTOR KOBICONN 171-1041				
8B	2.5MM DC POWER PLUG KOBICONN 171-0702-EX				
8C	2.1MM DC POWER PLUG KOBICONN 171-3217-EX				
9A	RCA PLUG DELTRON 333-0000				
10A	RIGHT ANGLE SMA CONNECTOR, COAXIAL, 50Ω AMPHENOL 901-9873				
11A	RING TERMINAL, RED, #6 TYCO/AMP 36152				
12A	RING TERMINAL, RED, #6 TYCO/AMP 36152				
15A	16 POSITION IDC SOCKET CONNECTOR CONNECTOR: TYCO 1658621-3 STRAIN RELIEF: TYCO 499252-8				
16A	2MM DOUBLE ROW CONNECTOR HIROSE DF11-10DS-2C				
17A	8C SILVER SATIN CABLE KOBICONN 172-UL8010-E				
18A	COAXIAL CABLE, 75Ω GEPKO VDM250				
18B	COAXIAL CABLE, 50Ω MIL-C-17/060 (RG-142)				
18C	TRIAXIAL CABLE, 50Ω BELDEN 9222				
19A	QUAD STAR MICROPHONE CABLE GEPKO MP1201				
1U-8	SINGLE CONDUCTOR UNSHIELDED, 8 GAGE MIL-W-22759/16-8-9				
1U-10	SINGLE CONDUCTOR UNSHIELDED, 10 GAGE MIL-W-22759/16-10-9				
1U-16	SINGLE CONDUCTOR UNSHIELDED, 16 GAGE MIL-W-22759/16-16-9				
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		TOLERANCES ARE: FRACTIONS DECIMAL ANGLES ±1/8" .X ±.050 ±2° .XX ±.030 .XXX ±.010		DRAWN DATE	
				CHECKED DATE	
				APPROVED MH DATE 4/3/98	
		THIS DOCUMENT INCLUDES INFORMATION PROPRIETARY TO GENEVA AVIATION AND SHALL NOT BE DUPLICATED BY ANYONE WITHOUT THE WRITTEN PERMISSION OF GENEVA AVIATION, INC.			
				TITLE CONNECTOR AND WIRE PART LIST	
				DRAWING NUMBER G12100 REV D	
				PRO NO GA182 SIZE A SHEET 2 OF 3	

<div><div>1U-18</div>SINGLE CONDUCTOR UNSHIELDED, 18 GAGE MIL-W-22759/16-18-9</div> <div><div>1U-20</div>SINGLE CONDUCTOR UNSHIELDED, 20 GAGE MIL-W-22759/16-20-9</div> <div><div>1U-22</div>SINGLE CONDUCTOR UNSHIELDED, 22 GAGE MIL-W-22759/16-22-9</div> <div><div>1U-24</div>SINGLE CONDUCTOR UNSHIELDED, 24 GAGE MIL-W-22759/16-24-9</div> <div><div>1S-10</div>SINGLE CONDUCTOR SHIELDED, 10 GAGE MIL-DTL-27500-10TG1T14</div> <div><div>1S-14</div>SINGLE CONDUCTOR SHIELDED, 14 GAGE MIL-DTL-27500-14TG1T14</div> <div><div>1S-16</div>SINGLE CONDUCTOR SHIELDED, 16 GAGE MIL-DTL-27500-16TG1T14</div> <div><div>1S-18</div>SINGLE CONDUCTOR SHIELDED, 18 GAGE MIL-DTL-27500-18TG1T14</div> <div><div>1S-20</div>SINGLE CONDUCTOR SHIELDED, 20 GAGE MIL-DTL-27500-20TG1T14</div> <div><div>1S-22</div>SINGLE CONDUCTOR SHIELDED, 22 GAGE MIL-DTL-27500-22TG1T14</div> <div><div>2S-20</div>SHIELDED TWISTED PAIR, 20 GAGE MIL-DTL-27500-20TG2T14</div> <div><div>2S-22</div>SHIELDED TWISTED PAIR, 22 GAGE MIL-DTL-27500-22TG2T14</div> <div><div>3S-22</div>SHIELDED TWISTED TRIPLE, 22 GAGE MIL-DTL-27500-22TG3T14</div> <div><div>4S-22</div>SHIELDED TWISTED QUAD, 22 GAGE MIL-DTL-27500-22TG4T14</div> <div><div>15S-22</div>15 CONDUCTOR SHIELDED, 22 GAGE WIREMASTERS WMTZWAAF247</div> <div><div>16U-28</div>16 CONDUCTOR RIBBON CABLE, 28 GAGE 3M 3365/16SF</div>		<div>REVISIONS</div> <table><tr><th>REV</th><th>DESCRIPTION</th><th>APPROVED</th><th>DATE</th></tr><tr><td>A</td><td>UPDATED DRAWING VISUALLY</td><td>CB</td><td>1/9/03</td></tr><tr><td>B</td><td>REPLACED VENDOR PART NUMBERS WITH MANUFACTURER PART NUMBERS, ADDED ADDITIONAL PART NUMBERS TO 18A, ADDED NOTES</td><td>CB</td><td>6/15/05</td></tr><tr><td>C</td><td>UPDATED DRAWING VISUALLY, ADDED SEVERAL PARTS, VERIFIED ALL PARTS, CHANGED NOTES, ADDED PAGE 3, BORDER & GENEVA LOGO</td><td>XY</td><td>5/9/06</td></tr><tr><td>D</td><td>UPDATED PART NUMBERS FOR RoHS COMPLIANCE</td><td>GA</td><td>11/21/07</td></tr></table>				REV	DESCRIPTION	APPROVED	DATE	A	UPDATED DRAWING VISUALLY	CB	1/9/03	B	REPLACED VENDOR PART NUMBERS WITH MANUFACTURER PART NUMBERS, ADDED ADDITIONAL PART NUMBERS TO 18A, ADDED NOTES	CB	6/15/05	C	UPDATED DRAWING VISUALLY, ADDED SEVERAL PARTS, VERIFIED ALL PARTS, CHANGED NOTES, ADDED PAGE 3, BORDER & GENEVA LOGO	XY	5/9/06	D	UPDATED PART NUMBERS FOR RoHS COMPLIANCE	GA	11/21/07
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